WET CORP
Window Evaluation Testing

This Test Report is prepared for

Supervisors Name

Company name
Address
City, State Zip Code

Project Location:

Job Name

Job Address
City, State Zip Code

February 3, 2009

WET CORP
Window Evaluation Testing

ASTM E1105

Field Testing of Windows, Doors, Storefronts, Curtain Walls and Sloped Glazing Systems

This test method covers the determination of the resistance of installed exterior windows, curtain walls, skylights, and doors to water penetration when water is applied to the outdoor face and exposed edges simultaneously with a static air pressure at the outdoor face higher than the pressure at the indoor face.

This test method is applicable to any curtain-wall area or to windows, skylights, or doors alone. It is intended primarily for determining the resistance to water penetration through such assemblies for compliance with specified performance criteria, but it may also be used to determine the resistance to penetration through the joints between the assemblies and the adjacent construction. Other procedures may be appropriate to identify sources of leakage.

AAMA 502-02

"Voluntary Specification for Field Testing of Windows and Sliding Glass Doors. (Using the ASTM E1105 test method.)

AAMA established process for field testing of windows and sliding glass doors in the field after installation by utilization of the ASTM E1105 test method. This process is to determine water penetration when applied to the outdoor face of Installed Window and Sliding Door Glazing Systems utilizing a calibrated test chamber and spray system.

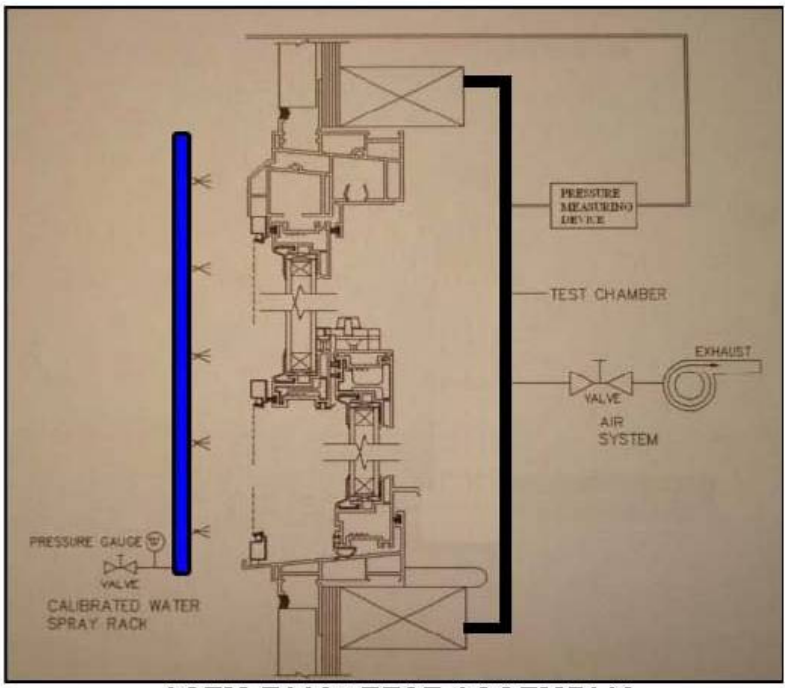
Calibrated spray system (specified per standard) Air pressure differential Field verification performance test Evaluates the system in a 'real world' fashion Used for QA during construction.

Scope

On February 3rd Wet Corp was contracted to perform water intrusion testing on windows installed in the (Job Location).

Windows are tested using the ASTM E1105 test standards using cyclic test method "B". A test pressure of .86 inches of water column was applied during the test sequences and verified using a calibrated Manometer. Manometer did not exceed .86 inches of water column during all test sequences.

The testing performed consisted of using a calibrated spray rack and applying water to the exterior of the window at 12 psi to achieve minimum of 5 gal/hr per square foot. An interior chamber made of 2 X 2 aluminum with clear 10 mil vinyl stretched over it to create a vacuum chamber.



ASTM E1105 TEST ASSEMBLY

TEST PRESSURES VERSUS CLASS
(AAMA/WDMA/CSA101/I.S.2/A440//ASTM E1105

CLASS	PRELOAD (H_20)	STP (H_20)	WTP (H_20)	ASTM E1105 (H_2O)
FORMULA	EQ.(CLASS) x 75%	EQ.(CLASS) x 150%	EQ.(CLASS) x 15%	EQ.(WTP) x 2/3
"R" 15	11.25 (2.16)	22.50 (4.32)	2.86 (.55)	1.89 (.36)
20	15.00 (2.88)	30.00 (5.76)	3.00 (.58)	2.00 (.38)
"LC" 25	18.75 (3.60)	37.50 (7.20)	3.75 (.72)	2.50 (.47)
"C" 30	22.50 (4.32)	45.00 (8.64)	4.50 (.86)	3.00 (.58)
35	26.25 (5.04)	52.50 (10.08)	5.25 (1.01)	3.50 (.67)
"HC" 40	30.00 (5.76)	60.00 (11.52)	6.00 (1.15)	4.00 (.76)
45	33.75 (6.48)	67.50 (12.96)	6.75 (1.30)	4.50 (.86)
50	37.50 (7.20)	75.00 (14.40)	7.50 (1.44)	5.00 (.96)
55	41.25 (7.92)	82.50 (15.84)	8.25 (1.58)	5.49 (1.0)
60	45.00 (8.64)	90.00 (17.28)	9.00 (1.73)	6.00 (1.1)

"R"= Residential
"LC"=Light Commercial
"C"=Commercial
"HC"=Heavy Commercial

Exception to rule based on min. test pressure

Location: **1st floor unit 101 southern exposure**

TEST PERAMETERS:

Window: WOJAN series M85 SV Aluminum horizontal sliding window
Approximate size: 67 X 64
Design Pressure: DP-45
Interior test pressure: 4.50lbs/sqft (.86 IOW)
Wind Velocity: .8 mph gust 2.1 mph
Barometric Pressure: 1020.8 exterior
Water allowed - NONE
Water evident - NONE
TEST PASSED

Why testing should be required

- To check performance of system design.
- To check performance of fabrication construction.
- To check performance of installation construction.
- To check the system behavior under design load condition.
- To avoid performance disasters: Structural failure, air & water leakages, and panel deflections exceeding limits.
- To validate structural stability of system as a whole.

We trust that you will find the information contained in this report beneficial and look forward to providing assistance in the future. Should you have any questions or need additional information, please contact us.

Sincerely,

Gary T Davis

37218 N. Thrill Hill Dr
Eustis, Fl. 32736

Mobile: (352) 267-3885
Fax: (352) 357-7272

Email: gary@wetcorp.net
Web: www.wetcorp.net