



Quality Accuracy Assurance

Fenestration Testing Laboratory, Inc.

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Lab. Number 2178
October 7, 1998
Report Number 63
File Number 98-102
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L-3139

OFFICIAL TEST REPORT

MANUFACTURER:	Kinco Limited	DESIGNATION:	F-C50 - 88 x 44
ADDRESS:	P.O. Box 6398 Jacksonville, Florida 32236	SPECIFICATIONS:	AAMA/NWWDA 101/I.S.2.-97

DESCRIPTION OF UNIT

Model Designation: Series: M-40/50; Aluminum Circle Top Fixed Window
Overall Size: 7' 4" (88") by 3' 8" (44") high by 2.000" deep.
Configuration: O

MATERIAL CHARACTERISTICS

Frame Construction: Test unit has a flange type frame, butt joints and a white coated finish. Aluminum alloy is 6063-T5. Frame corners were fastened with two No. 8 by 5/8" pan head sheet metal screws. Size of frame members are as follows: circle top 1.125" by 2.000" by 0.625"; frame sill 0.555" by 2.130" by 0.930". Frame members are solid extrusions with a typical wall thickness of 0.055".

Glazing:

Material: 3/16" annealed glass.

Method: Unit is exterior glazed with 1/2" glazing penetration using a double sided glazing tape and an aluminum extruded glazing bead with foam between the bead and glass. Glazing bead fastened to frame with a single row of No. 8 by 1 1/4" pan head sheet metal screws, location of fasteners are as follows: circle top from bottom left, 2 1/2", 18 1/2", 33", 48", 65", 81", 96", 111", 126"; frame sill from the left, 4 1/2", 17", 29 1/2", 42", 55", 67", 81".

Daylight Opening: Clear opening, 84" by 40" high, approximately 24.0 square feet.

Weatherstripping: None

Hardware: None

Weepholes: None

Reinforcement: None

Sealants: Frame corners were sealed with a clear colored sealant. Installation screws were sealed with a white colored

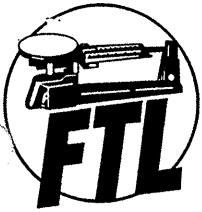
Pads: None

Screen: Not applicable

Unit Installation: Test unit installed in a 2 X 12 wood test buck using a 1 X 4 pressure treated buck strip. Frame installed with a single row of No. 10 by 2" pan head sheet metal screws at perimeter of frame. Location of installation screw spacing are as follows: circle top from bottom left, 3", 20 1/2", 37", 53 1/2", 69", 87 3/4", 103 1/2", 118 3/4", 134 1/2"; frame sill from the left, 6", 19 1/2", 31 3/4", 44 1/2", 57", 69 1/2", 82".

Product markings: None

John A. Williams
10/13/98



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OFFICIAL TEST RESULTS

Paragraph Number	Title of Test	Measured	Allowed
SECTION 4, OPTIONAL PERFORMANCE CLASS:			
4.3.	Water Resistance Test: (ASTM E547-96/E331-96) no leakage at	20.00 psf (958 pa)	Passed 5.25 (252) minimum
4.4.2.	Uniform Structural Load Test: (ASTM E330-96) Positive Load Negative Load	75.0 psf (3591 pa) 75.0 psf (3591 pa)	Passed 52.5 (2520) minimum 52.5 (2520) minimum

Note: At conclusion of above tests, there was no apparent damage to unit, glass or fasteners.

Reference Section 2: FTL 2176; Test Report 65; L-3142; September 1998

Test Began - October 5, 1998
Test Completed - October 5, 1998

Remarks: This test report does not constitute certification of this product, but only that the above test results were obtained using the designated test methods and the performance requirements (paragraphs as listed) of the above referenced specifications. As per manufacturer, unit complies with section 3, material and component requirements.

Detailed assembly drawings showing wall thickness of all members, corner construction and hardware application are on file and have been compared to the sample submitted. A test sample will be retained at the test laboratory. A copy of this report has been forwarded to the Validator.

Witnessed by:
Mr. Jay Wyrick
Mr. Gilbert Diamond, P. E.

FENESTRATION TESTING LABORATORY, INC.

Manny Sanchez
President

Laboratory Technicians:
Roque Zavala

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