

Quality Accuracy Assurance

# Fenestration Testing Laboratory, Inc.

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Lab. Number 2174  
October 7, 1998  
Report Number 59  
File Number 98-102  
Page 1 of 2  
L-3135

## OFFICIAL TEST REPORT

<b>MANUFACTURER:</b>	Kinco Limited	<b>DESIGNATION:</b>	F-C60* - 42 x 37
<b>ADDRESS:</b>	P.O. Box 6398 Jacksonville, Florida 32236	<b>SPECIFICATIONS:</b>	AAMA/NWWDA 101/I.S.2.-97

## DESCRIPTION OF UNIT

**Model Designation:** Series: M-40/50; Aluminum Fixed Window  
**Overall Size:** 3' 6" (42") by 3' 1" (37") 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: frame head, frame jambs and frame sill 0.937" by 2.000" by 0.812". Frame members are solid extrusions with a typical wall thickness of 0.062".

### Glazing:

**Material:** Double strength 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: frame head and frame sill from the left, 1 3/4", 20 1/2", 36 1/2"; frame jambs from the bottom, 2", 18 1/2", 33".

**Daylight Opening:** Clear opening, 39 1/8" by 34 1/8" high.

**Weatherstripping:** None

**Hardware:** None

**Weepholes:** None

**Reinforcement:** None

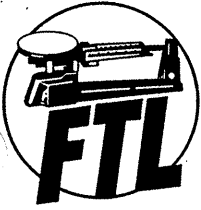
**Sealants:** Frame corners were sealed with a clear colored sealant. Installation screws were sealed with a white colored sealant.

**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 1" pan head sheet metal screws in frame head, frame sill and frame jambs. Location of installation screw spacing are as follows: frame sill and frame head from the left, 5 3/4", 21", 36"; frame jambs from the bottom, 6", 18 1/2", 31".

**Product markings:** None



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Page 2 of 2  
L-3135

### OFFICIAL TEST RESULTS

Paragraph Number	Title of Test	Measured	Allowed
<b>SECTION 4, OPTIONAL PERFORMANCE CLASS:</b>			
4.3.	Water Resistance Test: (ASTM E547-96/E331-96) no leakage at	15.00 psf (718 pa)	Passed 5.25 (252) minimum
4.4.2.	Uniform Structural Load Test: (ASTM E330-96) Positive Load	90.0 psf (4309 pa)	Passed 52.5 (2520) minimum
	Negative Load	90.0 psf (4309 pa)	52.5 (2520) minimum

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

**Reference Section 2: FTL 2179; Test Report 67; L-3144; 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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