

AAMA/WDMA/CSA 101/I.S.2/A440-08 TEST REPORT

Rendered to:

MI WINDOWS AND DOORS, INC.

SERIES/MODEL: 1650
PRODUCT TYPE: PVC Fixed Window (Fin)

Title	Summary of Results		
Primary Product Designator	Class LC-PG50 1829 x 1829 (72 x 72)-FW		



AAMA CERTIFICATION PROGRAM



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MI Windows & Doors, LLC	
P.O. Box 370	
Gratz, PA 17030-0370	
GIALZ, FA 17030-0370	
Attn: Rick Sawdey	
The product described below	v is hereby approved for listing in the next issue of the AAMA Certified Products Directory. The approval
	assessed and the condition to the Administrator of the results of tests, accommanied by related drawings
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AAMA/WDMA/CSA 101/LS.2/A440-08 TEST REPORT

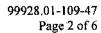
MI WINDOWS AND DOORS, INC. P.O. Box 370 650 West Market Street

Gratz, Pennsylvania 17030-0370

Report No.: 99928.01-109-47

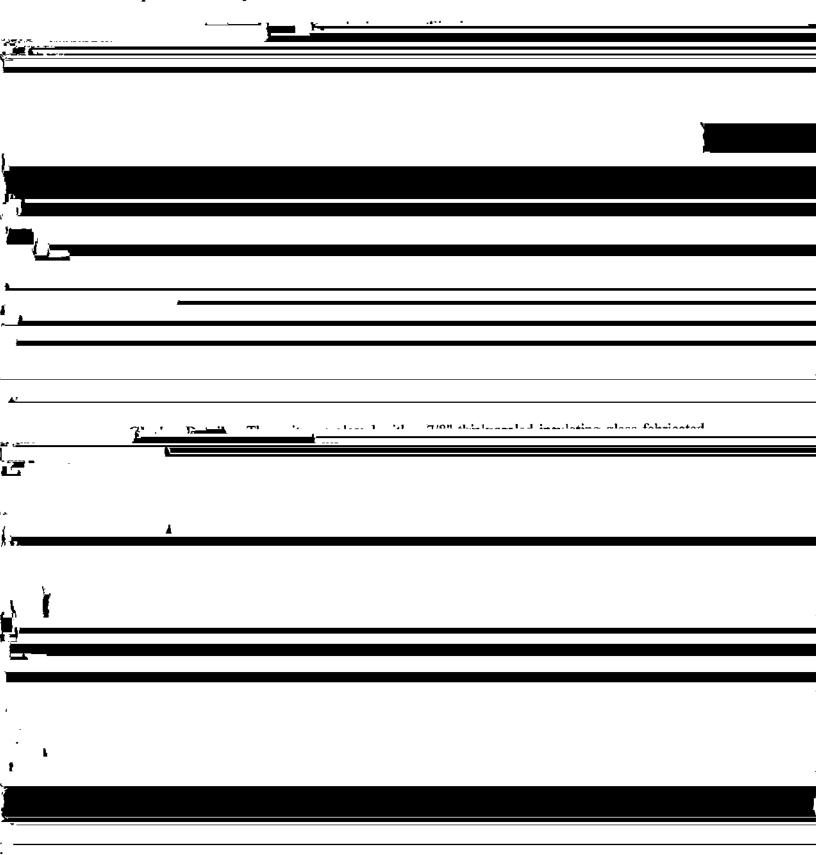
Test Date:

04/12/10





Test Specimen Description: (Continued)





Test Results: (Continued)

<u>Paragraph</u>	Title of Test - Test Method	<u>Results</u>	Allowed	
5.3.3.2	Water Penetration Resistance per ASTM E 547 See Note #2			
5.3.4.2	Uniform Load Deflection per ASTM E 330 See Note #			
5.3.4.3	Uniform Load Structural per AST	ГМ E 330	See Note #2	
Note #2: The client opted to start at a pressure higher than the minimum required. Those results are listed under "Optional Performance".				
5.3.5	Forced Entry Resistance per AST	M F 588		
	Type: D	Grade: 10		
	Disassembly Test	No entry	No entry	
	Sash/Panel Manipulation Test	No entry	No entry	
	Lock Hardware Manipulation Tes	st No entry	No entry	
5.3.6.2	Thermoplastic Corner Weld Test	Meets as stated	Meets as stated	
Optional Performance				
4.3.2.1	.3.2.1 Water Penetration Resistance per ASTM E 547 (without insect screen)			
	360 Pa (7.52 psf)	No leakage	No leakage	
4.3.2.1	4.3.2.1 Uniform Load Deflection per ASTM E 330 (Deflections were taken on the stile)			
	(Loads were held for 10 seconds))		
	2640 Pa (55.14 psf) (positive)	<0.3 mm (<0.01")	See Note #3	

Note #3: The deflections reported are not limited by AAMA/WDMA/CSA 101/I.S.2/A440 for

<0.3 mm (<0.01")

See Note #3

2640 Pa (55.14 psf) (negative)



Title of Test - Test Method Allowed Results **Paragraph** Optional Performance: (Continued) 4.3,2,1 Uniform Load Structural per ASTM E 330 (Permanent sets were taken on the stile) (Loads were held for 10 seconds)

3960 Pa (82.71 psf) (negative) <0.3 mm (<0.01") 0.7 mm (0.03") max.

Tape and film were not used to seal against air leakage during structural testing.

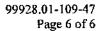
Drawing Reference: The test specimen drawings have been reviewed by Architectural Testing and are representative of the test specimen reported herein.

Per the client, this product is also labeled under the following names:





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	other pertinent project documentation will be retained by Architectural Testing, Inc. for a period	
	of four years from the original test date. At the end of this retention period, such materials shall	
	be discarded without notice and the service life of this report will expire.	
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Revision Log

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Appendix A

Alteration Addendum

Note: No alterations were required.



Appendix B

Test Equipment

		105t Equipment		
	Instrument	Manufacturer	Asset #	
	Control Panel	Architectural Testing, Inc.	MI-1	
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Appendix C

Drawings

Note: Complete drawings packet on file with Architectural Testing, Inc.