



ACQUSTICAL PERFORMANCE TEST REPORT

MI WINDOWS AND DOORS, INC. P.O. Box 370 Gratz, Pennsylvania 17030

Report No: 57672.01-113-11

Test Date:

05/18/05

Report Date:

05/26/05

Expiration Date:

05/18/09

Test Sample Identification:

Series/Model: 910/3910

Type: Vinyl Patio Door

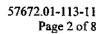
Performance Class: Residential

Overall Size: 72" by 80"

Glazing Option A: 3/4" IG (1/8" Tempered Exterior, 7/16" Air Space, 3/16" Tempered

Interior)

Glazing Option B: 3/4" IG (1/8" Tempered exterior, 3/8" air space, 1/4" Laminated interior)





Tast Mathods: The acquistional tast was conducted in accordance with the following. DE FYA E7

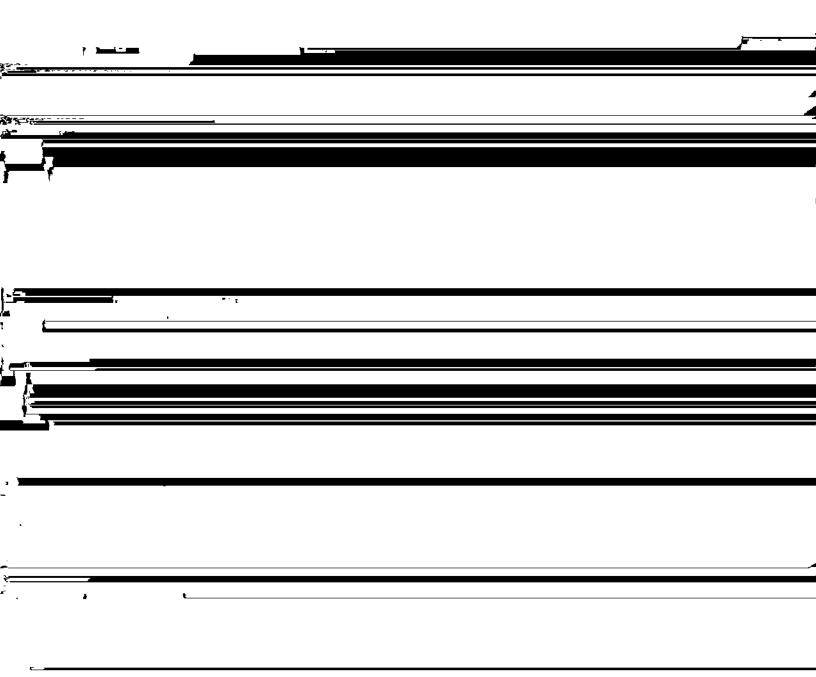




Test Procedure:

Operating Force Test - The Type B method, which utilizes a force gage, was used to determine the breakaway and operating forces required to open and close the panel.

Air Leakage Test - The vinyl patio door was closed and locked for this test. A negative pressure of 1.57 psf was applied inside the chamber that was placed around the interior side



to calculate the specimen air leakage. Barometric pressure corrections were applied to the air leakage calculations.

Sound Transmission Loss Test - The vinvlinatio door was also closed and locked for this test



Sample Descriptions: (Continued)

Panel Construction:

	Active Panel
Size	36-7/8" by 77-3/4"
Thickness	1-3/8"
CORNERS	Mitered
Fasteners	Welds
Seal Method	None
MATERIAL	Vinyl
Reinforcement	Steel, located in stiles
	3 J(1)

Daylight Opening Size	32-1/8" by 73"
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Glazing Option A:

Measured Overall Insulation Glass Unit Thickness		0.753"	
Spacer Type	Steel U-shaped		

	Exterior Sheet	Gap	Interior Sheet
「 <u></u>	0.1000	A 440H	0.1000



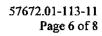


Sample Descriptions: (Continued)

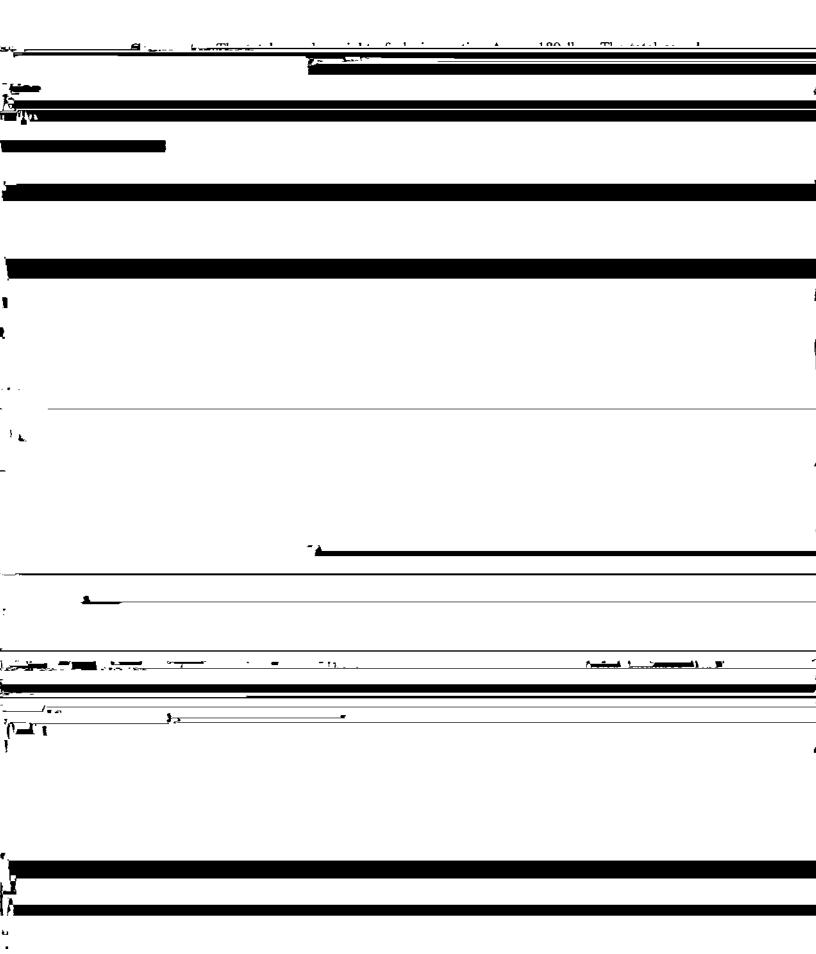
Glazing Option B:

Measured Overall Insulation Glass Unit Thickness		0.751"	
Spacer Type	Aluminum Reinforced Butyl		

	Exterior Sheet	Gap	Interior Sheet
MEASURED THICKNESS	0.122"	0.394"	0.103"-0.030"-0.103"
MUNTIN PATTERN	N/A	N/A	N/A
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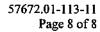






This report is prepared for the convenience of our customer and endeavors to provide accurate and timely project information. It contains a summary of observations made by a qualified representative of Architectural Testing, Inc. The results of this report apply only to the specimen that was tested. The statements made herein do not constitute approval, disapproval, certification or acceptance of performance or materials.

	A control this report will be retained by ATI for a period of four years from the original test
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Revision Log

<u>Rev. #</u>	Date	Page(s)	Revision(s)
0	05/26/05	N/A	Original test report