



Architectural Testing

TEST REPORT

PROJECT: [REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

MI WINDOWS AND DOORS, INC.

Coats, Pennsylvania

PRODUCTS: PVC Horizontal Slider Window (V0) (White)

[REDACTED]

**A·L·I**

(Validator / Operations Administrator)

**AAMA  
CERTIFICATION PROGRAM**



**AUTHORIZATION FOR PRODUCT CERTIFICATION**

**MI Windows & Doors, LLC  
P.O. Box 370  
Gratz, PA 17030-0370**

**Attn: Rick Sawdey**

The product described below is hereby approved for listing in the next issue of the AAMA Certified Products Directory. The approval

is based on successful completion of tests, and the reporting to the Administrator of the results of tests, accompanied by related drawings, by an AAMA Accredited Laboratory.



**1.0 Report Issued To:** MI Windows and Doors, Inc.  
P.O. Box 370  
650 West Market Street  
Gratz, Pennsylvania 17030-0370

**2.0 Test Laboratory:** Architectural Testing, Inc.  
130 Derry Court  
York, Pennsylvania 17406-8405

### 3.0 Project Summary:

**3.1 Product Type:** PVC Horizontal Sliding Window (XO) (Finless)

**3.2 Series/Model:** 3580

**3.2.1** This product also labeled under the following names: 1280, 3280, New Castle III, and Bryn Mawr III

**3.3 Compliance Statement:** Results obtained are tested values and were secured by using the designated test methods. The specimen tested successfully met the performance requirements for a **Class R-PG20 1829 x 1829 (72 x 72)-HS** rating.

**3.4 Test Date:** 05/25/2010

**3.5 Test Location:** MI Windows and Doors, Inc. test facility in Gratz, Pennsylvania. Calibration of test equipment was performed by Architectural Testing in accordance with AAMA 205.01 "In Plant Testing Guidelines for Manufacturers and

Independent Laboratories".

**3.6 Test Sample Source:** The test specimen was provided by the client.



1. \_\_\_\_\_

AAMA/WDMA/CSA 101/1.S.2/A440-08, *NAFS - North American Fenestration Standard/Specification for Windows, Doors, and Skylights*

**5.0 Test Specimen Description:**

**5.1 Product Sizes:**

Overall Area:	Width	Height
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[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]



**5.4 Weatherstripping:**

Description	Quantity	Location
0.187" backed by 1/4" diameter foam-filled vinyl bulb seal with	1 Row	Operable sash pull stile



**5.0 Test Specimen Description: (Continued)**

**5.7 Hardware:**

Description	Quantity	Location
Metal cam locks with adjacent keepers	2	Lock stile, 15" from each end
Bolts	2 per lock	Bottom rail, 2" from each end



**7.0 Test Results:** The temperature during testing was 22°C (71°F). The results are tabulated as follows:

Title of Test	Results	Allowed	Note
<b>Operating Force, per ASTM E 2068</b>	Initiate motion: 89 N (20 lbf) Maintain motion: 44 N (10 lbf) Locks: 18 N (4 lbf)	Report Only  90 N (20 lbf)  100 N (22.5 lbf)	
<b>Air Leakage</b>			







**Architectural Testing**

**Appendix A**  
**Alteration Addendum**

*Note: No alterations were required.*



Test Report No.: A1184.01-109-47  
Report Date: 06/16/10  
Test Record Retention End Date: 05/25/14

## **Appendix B**

### **Drawings**

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