

Professional 1400 SERIES

1480 Vinyl Sliding Window

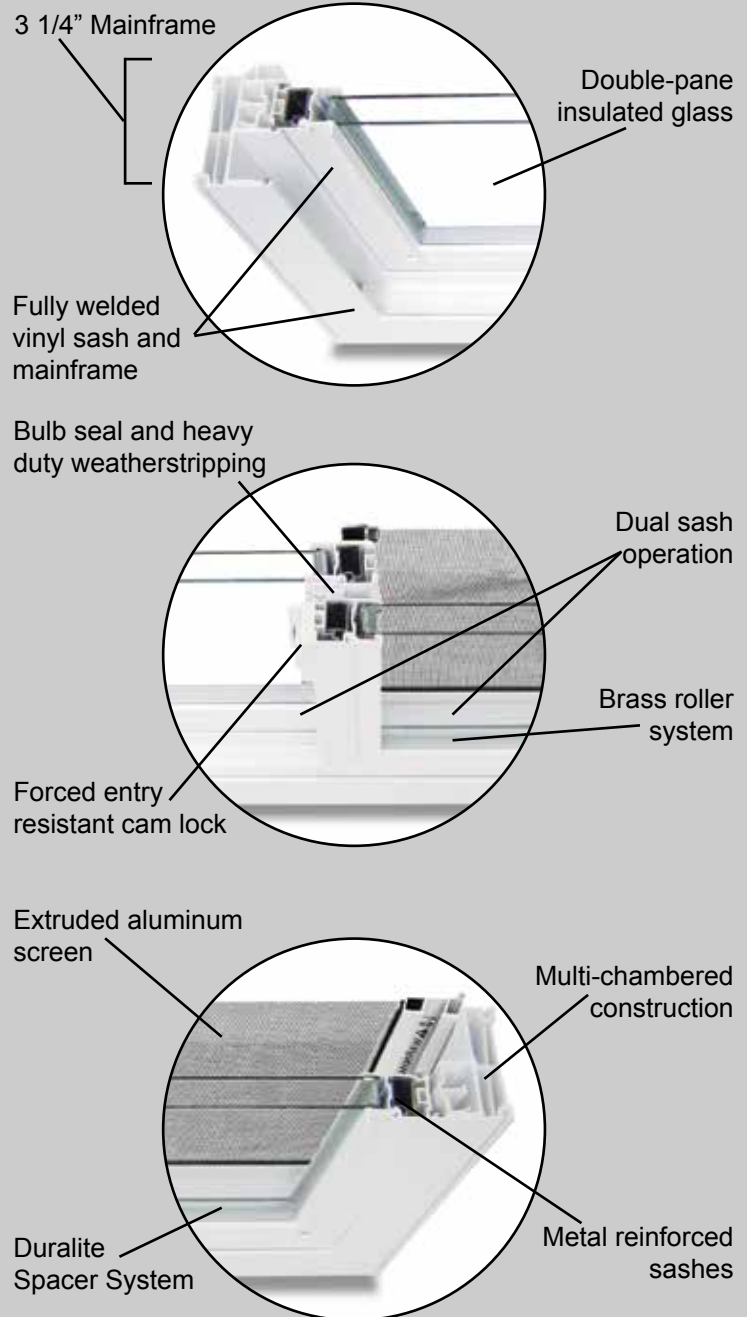


Quality, Value, and Peace of Mind

The 1480 Vinyl Sliding Window includes features like double-pane insulated glass, a multi-chamber construction, and forced entry resistant locks. A closer look reveals this crafted style is a combination of superior design, strength and energy efficiency. The 1480 Sliding Window is available with an optional nailing fin and J-channel.

The MI Windows and Doors Professional 1400 Series is a line of windows that offer great value, ease of installation, and energy efficiency for all climates. Professional 1400 Series windows are available in double-hung, sliding, picture window, and architectural shapes configurations.

Take a closer look at the 1480 Sliding Window



Color Options



White

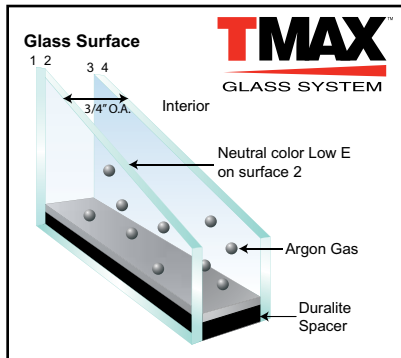


Almond

Actual colors may vary.

Glass Options

TMAX™ insulated glass packages are offered as an upgrade to help you save heating and cooling costs while keeping your home more comfortable. In warm weather, TMAX reduces solar heat gain, minimizing interior glare and lowers interior glass temperature, saving energy and making your home more comfortable. In cool weather, TMAX provides outstanding thermal performance with warmer interior glass surfaces to help save energy and maintain comfort during a cold winter.

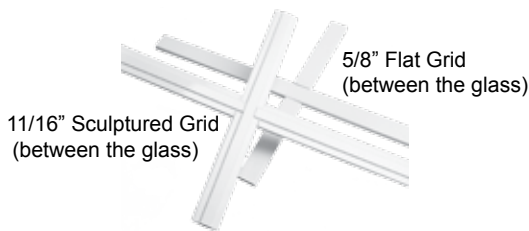


Meets ENERGY STAR® requirements in North, North-Central, and South Central Zones.



Grid Options

Flat and sculptured grids are available in standard and custom patterns.



Colonial

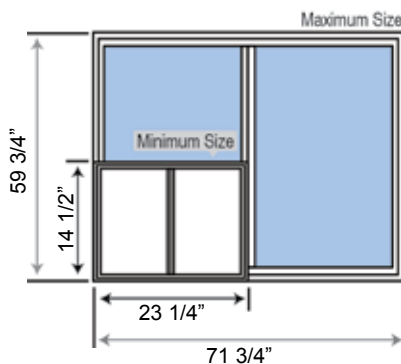


9-Lite Perimeter

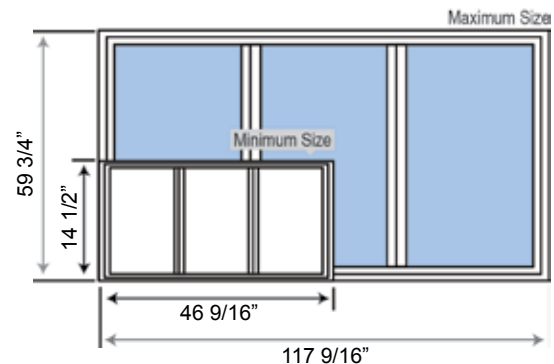


6-Lite Perimeter

2-Lite Min. and Max. Sizes



3-Lite Min. and Max. Sizes





MI WINDOWS AND DOORS

650 WEST MARKET STREET • GRATZ, PA • 17030-0370

SPECIFICATIONS

910 PATIO DOOR

MAIN FRAME – Frame members shall be made of rigid, extruded, polyvinylchloride (PVC) of a multi-chambered hollow configuration with a nominal wall thickness of .075". Frame to be joined in each corner by welding. An extruded aluminum alloy 6063-T5 snap-in track of .062" wall thickness shall be inserted in the main frame sill to support the moving panel. A similar, smaller, extruded aluminum alloy 6063-T5 snap-in track of .040" nominal wall thickness supports the screen. Fixed glass adapters and fixed interlock stile shall be made of rigid, extruded PVC of .075" nominal thick walls. The fixed interlock stile shall contain a steel reinforcement with .062" thick walls. Weep slots are provided at the sill to provide drainage of water. Entire main frame perimeter contains an integral PVC nailing fin.

MOVING PANEL – Moving panel shall be of rigid, extruded, PVC with a nominal wall thickness of .070". Panel shall be joined in each corner by welding. The interlock stile shall contain a steel reinforcement of .062" nominal wall thickness. The latch stile shall contain a roll-formed steel U-shaped reinforcement of .052" nominal wall thickness.

GLAZING – Both moving panel and fixed glazing shall be 3/4" sealed, insulated glass consisting of two pieces of DSB tempered glass separated by a 1/2" airspace. Insulated glass shall be drop-in glazed using double-sided adhesive tape. A semi-rigid, extruded, vinyl, exterior glazing bead shall be used to retain the insulated glass.

WEATHERSTRIPPING – Fin-type polypile weatherstripping shall be applied to the inside perimeter of the main frame and the inside of the fixed interlock stile. The moving panel interlock stile also contains fin-type pile weatherstripping in the exterior face.

HARDWARE – Adjustable tandem roller assemblies shall be made of corrosion resistant steel and contain steel ball bearings for smooth operation. Latch to be mortise-type with outside pull. All fasteners shall be corrosion resistant.

SCREEN – Rolling screens shall be fabricated from roll-formed sections, with all corners accurately mitered and fitted. Screen cloth shall be of fiberglass mesh. Screens shall roll on fully adjustable wheels, located in both top and bottom rails, thus making the screen fully reversible. Screen panels shall be equipped with latch assembly and vinyl insect seal. (**NOTE:** Insect screens are intended to provide reasonable insect control and are not for the purpose to provide security or provide for the retention of objects or persons from the interior.)

INSTALLATION – (Done by others) Door to be installed plumb, straight and level without springing or twisting. Securely fasten in place all in accordance with manufacturer's recommendations or details. Caulking compounds must be applied before installation between frames and adjacent construction to provide weather-tight installation to maintain the integrity of the product's energy saving features. Final adjustment, if necessary, shall be made to ensure proper operation of the moving panels.

NOTE: – MI WINDOWS AND DOORS, INC.'s designs and manufacturing methods are continually being improved. Due to this and other factors, we reserve the right to change specifications without notice. It is the sole responsibility of the purchaser/installer to be sure that the intended use of this product complies with any and all applicable building codes (i.e., egress, safety glass near doorways, etc.). If you require further technical information regarding this product, please contact your retailer/sales representative.

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. The listing below will be added to the next published AAMA Certified Products Directory.

SPECIFICATION	RECORD OF PRODUCT TESTED			
AAMA/WDMA/CSA 101/I.S.2/A440-08 R-PG40-1816x2019 (72x80)-SD Negative Design Pressure = -50 psf				
COMPANY AND CODE	CPD NO.	SERIES MODEL & PRODUCT DESCRIPTION	MAXIMUM SIZE TESTED	
MI Windows & Doors, LLC Code: MTL	4106	910/3910 SGD (FIN) (PVC)(OX)(OG)(INS GL) (REINF)(ASTM)	FRAME 1816 mm x 2019 mm (6'0" x 6'8")	PANEL 927 mm x 1962 mm (3'1" x 6'5")

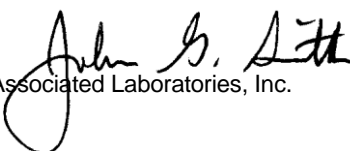
2. This Certification will expire **February 25, 2016 (extended from February 25, 2014 per AAMA 106-13)** and requires validation until then by continued listing in the current AAMA Certified Products Directory.

3. Product Tested and Reported by: **Architectural Testing, Inc.**

Report No.: **98644.01-109-47**

Date of Report: **April 9, 2010**

Validated for Certification

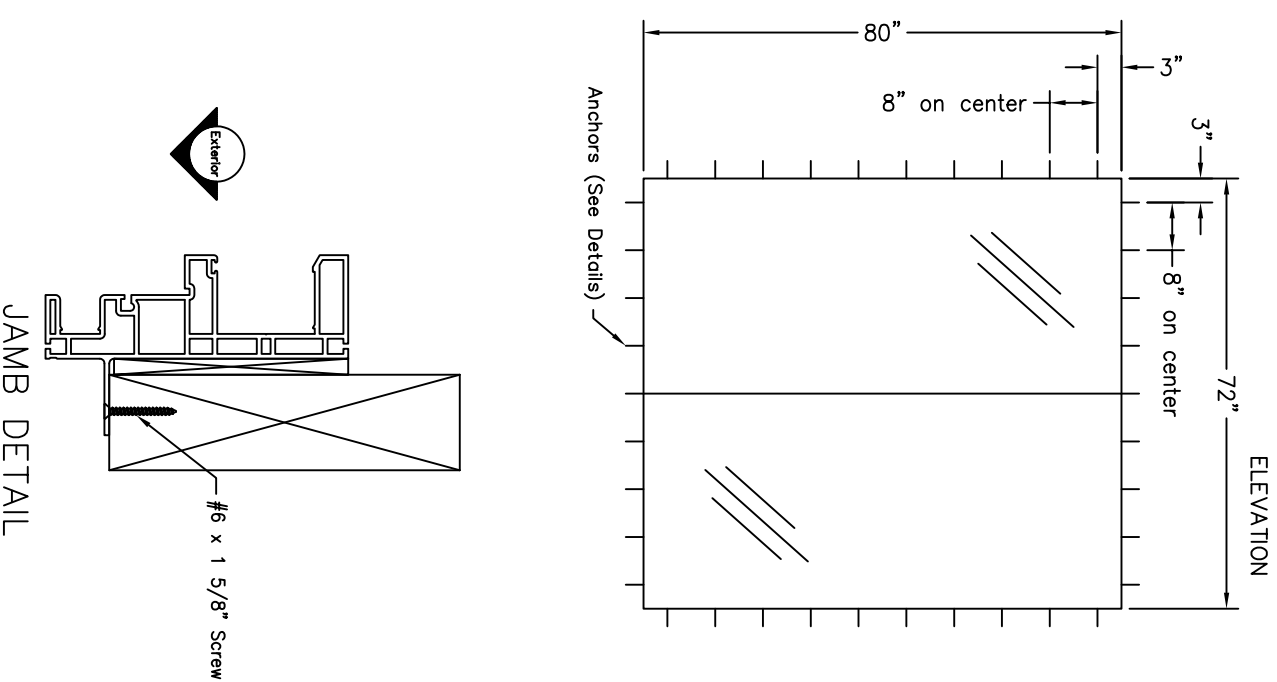

Associated Laboratories, Inc.

Date: **December 5, 2013**

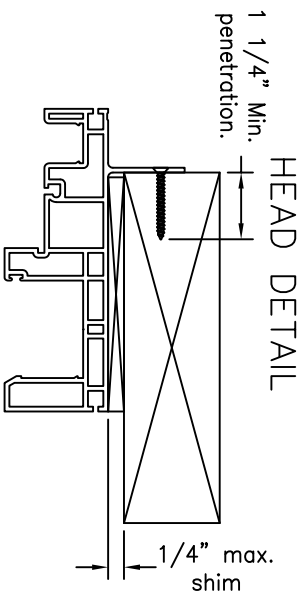
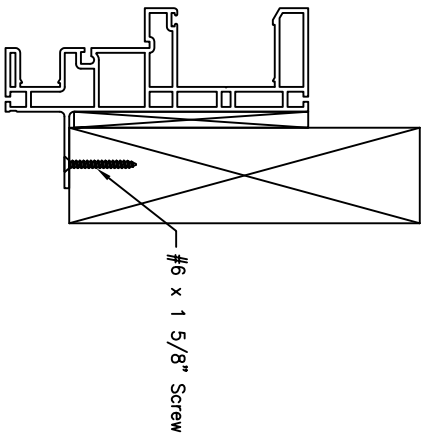
Cc: AAMA
JGS
ACP-04 (Rev. 1/11)

Authorized for Certification

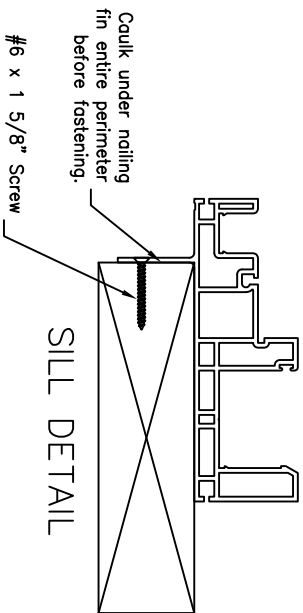

American Architectural Manufacturers Association



JAMB DETAIL



HEAD DETAIL

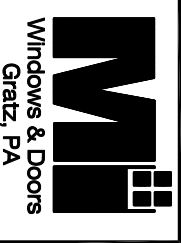


SILL DETAIL

Notes:

1. Installation depicted based off of structural test report #98644.01-109-47.
2. Fasteners are #6 x 1-5/8" screws.
3. Wood buck installations are assumed 2X S-P-F (G=0.42) or denser. Buck width shall be greater than the window frame width. Tapered or partial with bucks are not allowed. Wood buck shall be secured to the structure to resist all design loads.
4. Screw lengths shall be sufficient to guarantee 1 1/4" penetration into wood buck.
5. Maximum shim thickness of 1/4" permitted at each fastener location. Shims shall be load bearing, non-compressible type.
6. The drawings depict the details necessary to meet the structural load requirements. They do not address the air infiltration, water penetration, intrusion or thermal performance requirements of the installation.
7. Installation shown is that of the test window for the design pressure shown and the design pressure claimed. For door sizes smaller than shown, locate head, sill and jamb fasteners 3" from each corner and 8" on center. Design pressures of smaller door sizes are limited to that of the test unit.

SIZE AND DESIGN PRESSURE CHART
FASTENER TYPE AND SPACING SHOWN WILL ALLOW DESIGN PRESSURES UP TO +40/-50 UNITS UP TO 72" x 80"
(SEE TEST REPORTS FOR INDIVIDUAL UNIT SIZE AND APPLICABLE DESIGN PRESSURE LIMITATIONS)



TITLE	INSTALLATION INSTRUCTIONS & FASTENER SCHEDULE	FIN	—
PRODUCT:	910/3910 Sliding Glass Door "OX"		

DRAWN BY:	V.M.R.	DATE:	4-9-09
CHECKED:		DATE:	
SCALE:	NONE	SHEET:	1 OF 1
DWG. NO.	910 XD Installation	REV.	—