

TEXAS DEPARTMENT OF INSURANCE

Engineering Services Program / MC 103-3A 333 Guadalupe Street P.O. Box 149104 Austin, Texas 78714-9104
Phone No. (512) 322-2212 Fax No. (512) 463-6693

PRODUCT EVALUATION

WIN-1744

Effective Date: June 1, 2013
Reevaluation Date: **February 2016**

The following product has been evaluated for compliance with the wind loads specified in the **International Residential Code (IRC)** and the **International Building Code (IBC)**.

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

Series 9660/9770 Vinyl Direct Set Windows, New and Replacement Construction, Non-Impact Resistant, manufactured by

MI Windows and Doors, Inc.
P.O. Box 370
650 West Market Street
Gratz, Pennsylvania 17030-0370
Telephone: (717) 365-3300

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 9660/9770 Vinyl Direct Set Windows; O; FIN	FW-LC60 72 x 72	± 60 psf
2	Series 9770 Vinyl Direct Set Windows; O; FINLESS	FW-LC55 72 x 72	± 55 psf

Product Dimensions:

System	Overall Size	Daylight Opening Size
1	72" x 72"	65 1/8" x 65 1/8"
2	72" x 72"	65 1/8" x 65 1/8"

Product Identification:

System		
1	Certification Agency	AAMA
	Manufacturer's Name or Code Name	MTL-2
	Product Name	9660/9770 PW Direct Set (FIN)
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05
2	Certification Agency	AAMA
	Manufacturer's Name or Code Name	MTL-2
	Product Name	9770 PW Direct Set (FINLESS)
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05

Impact Resistance:

Impact Resistant	Requirement
No	Impact protective system required when product is installed in areas where windborne debris protection is required

Installation:

System		
1	Type of Installation	New Construction – Fin
	Wall Framing	Spruce-Pine-Fir
	Fasteners	Minimum No. 6 x 1 $\frac{5}{8}$ " screws
	Fastener Location/Spacing	Approximately 2 inches from each corner and approximately 12 inches on center along the perimeter of the window.
	Fastener Penetration	Minimum of 1 $\frac{1}{2}$ inches into the wall framing members
2	Type of Installation	Replacement Construction – Frame
	Wall Framing	Spruce-Pine-Fir
	Fasteners	Minimum No. 8 x 2 $\frac{1}{2}$ " screws
	Fastener Location/Spacing	Approximately 4 inches from each corner and one (1) at the mid span along the head, sill, and side jambs.
	Fastener Penetration	Minimum of 1 $\frac{1}{2}$ inches into the wall framing members

Note: The manufacturer's installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC), the International Building Code (IBC), and the Texas Revisions.