TDI | Texas Department of Insurance

PO Box 12030 | Austin, TX 78711 | 800-578-4677 | tdi.texas.gov

Product Evaluation

WIN2266 | 0522

Engineering Services Program

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.

For more information, contact TDI Engineering Services Program at (800) 248-6032.

Evaluation ID: WIN-2266

Effective Date: May 1, 2022
Re-evaluation Date: March 2025

Product Name: Series 1620 Vinyl Single Hung Windows, Fin and Frame Installation, Non-Impact Resistant

Manufacturer: MI Windows and Doors, LLC
650 West Market Street
Gratz, PA 17030
(717) 365-3300

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 1620 Vinyl Single Hung Windows, Fin, Finless/Flange Installed; O/X	LC-PG50 (37 x 72)	+50 / -67 psf
2	Series 1620 Vinyl Single Hung Windows, Fin, Finless/Flange Installed; O/X	LC-PG35 (48 x 96)	+35 / -45 psf
3	Series 1620 Vinyl Single Hung Windows, Fin, Finless/Flange Installed; O/X	LC-PG50 (48 x 84)	+50 / -50 psf
4	Series 1620 Vinyl Single Hung Windows, Fin, Finless/Flange Installed; O/X	LC-PG50 (52.13 x 75)	+50 / -50 psf

Product Dimensions:

System	Overall Size	Operable Sash Size	Fixed Sash Daylight Opening Size
1	37" x 72"	34-1/8" x 35-1/2"	32-3/8" x 32-1/4"
2	48" x 96"	45-3/8" x 35-9/16"	43-3/8" x 56-1/2"
3	47-1/2" x 83-1/2"	44-3/4" x 41-9/16"	42-3/4" x 38"
4	52-1/8" x 75"	49-1/2" x 37-1/4"	47-1/2" x 33-3/4"

Product Identification (Certification Label on Window):

System		
1-2	Certification Agency	AAMA
	Manufacturer's Name or Code Name	MTL-12
	Product Name	1620
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11
3	Certification Agency	AAMA
	Manufacturer's Name or Code Name	MTL-12
	Product Name	1620
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08
4	Certification Agency	AAMA
	Manufacturer's Name or Code Name	MTL-12
	Product Name	1620
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08,17

Impact Resistance:

System	Impact Resistant	Requirement
1-4	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

Installation:

System		
1-4	Type of Installation	Nail Fin Installation
	Wall Framing	Spruce-Pine-Fir dimension lumber
	Fasteners	No. 6 x 1-5/8" flat head screws
	Fastener Location/Spacing	3" from each corner and 8" on center along the perimeter
	Fastener Penetration	Minimum of 1-1/2" into the wall framing

Installation:

System		
1, 3-4	Type of Installation	Screw Through Frame
	Wall Framing	Spruce-Pine-Fir dimension lumber
	Fasteners	No. 8 x 2" pan head screws
	Fastener Location/Spacing	4" from each corner and 12" on center along the head and side jambs
	Fastener Penetration	Minimum of 1-1/2" into the wall framing
2	Type of Installation	Screw Through Frame
	Wall Framing	Spruce-Pine-Fir dimension lumber
	Fasteners	No. 8 x 2" pan head screws
	Fastener Location/Spacing	4" from each corner and 18" on center along the side jambs
	Fastener Penetration	Minimum of 1-1/2" into the wall framing

Note: Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC and the IBC.